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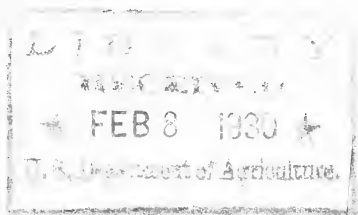
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ZACK'S EVERGREENS

For Nursery Planting

Seedlings and Transplants.



WHOLESALE PRICE LIST
SPRING 1930

H. J. ZACK CO.
DEEP RIVER, CONNECTICUT

ZACK'S EVERGREENS

For Nursery Planting

Are well grown seedlings and transplants that will give you growing satisfaction.

¶ - We specialize in the production of evergreens for lining out, understocks and forestry planting.

¶ - Our Evergreen Seedlings and Transplants are clean grown, under careful cultural methods. We do not employ irrigation or over-fertilization to induce rank growth.

¶ - Our Evergreens are therefore stocky, well matured, and are carefully dug and graded and promptly shipped.

Q—You need Zack's Evergreens
to build up your growing Evergreen stock.

¶ - We want your orders, and are prepared to give you service.

Harry J. Zack

HOW TO REACH OUR NURSERY

The Nurseries of the H. J. ZACK CO. are located in Deep River and Centerbrook, Conn.

Our Deep River Nursery is on the Hartford-Saybrook Road. Route 10, 30 miles south of Hartford, and six miles north of Saybrook.

Good concrete roads in all directions, and hourly bus service that stops at our Nursery.

The trade is cordially invited to inspect our growing stock at all times.

**H. J. ZACK CO.
DEEP RIVER, CONN.**

ZACK'S EVERGREENS

• For Nursery Planting •

Wholesale Price List, Spring 1930

Prices quoted are per 100 and 1000.
10% discount on quantities of 5000 of one variety.
250 at 1000 and 2500 at 5000 rate.

ABIES FIRS

A. Balsamea

Balsam Fir

From our northern forests, and commonly used for Xmas trees. Foliage dark green with silvery bands on lower side. Bark and foliage have a fragrant pungence. Balsam fir does best in cool moist soils.

Grade	Size	Price 100	1000
2 yr. Sdlg.	2-3"	\$2.50	\$15.00
4 yr. Trpts.	4-6"	5.00	.....

A. Concolor

Silver or White Fir

Rocky Mt. species, thriving at high altitudes. Compact narrow pyramidal form retaining its branches close to ground. The large flat leaves often two and half inches long, and silvery grayish blue in color renders this variety a conspicuous type in any landscape planting. Concolor Fir because of its hardiness, symmetrical growth, attractive foliage, and great adaptability to dry and exposed soils is the leading fir variety for American landscape plantings.

2 yr. Sdlg.	3-5"	3.00	20.00
<i>We can supply over 200,000 2 yr. Sdlgs of Concolor Fir grown from Colorado Rocky Mt. seed. Let us quote you special prices on some real large quantities.</i>			
3 yr. Trpts.	4-6"	5.50	45.00

A. Douglassi (Pseudotsuga D.) *Douglas Fir*

We offer the Rocky Mt. type from Colorado, which is hardy east of the Rocky Mts. Free growing and of narrow sharply pointed pyramidal form, with green to bluish green short flat needles. Douglas fir is a splendid ornamental, and can be readily used for window boxes, tub plants, hedges and specimen plantings.

2 yr. Sdlg.	3-6"	2.50	20.00
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A. Brachyphila

Nikko Fir

The finest of the Japanese firs, and hardy into Southern Ontario and Northern New England, where it has proven to be a long lived ornamental type. Broad pyramidal form, densely branched to the ground. Foliage, dark glossy green, with broad silvery bands underneath.

2 yr. Sdlg.	2-3"	3.50	25.00
4 yr. Trpts.	5-7"	6.00	50.00

Prices quoted are at 100 and 1000 rate

A. Brachyphilla Umbellata

A variation of the Nikko fir, showing smaller needle development.

4 yr. Twice Trplt.	4-5"	7.50
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ZACK'S EVERGREENS

For Nursery Planting.

A. Firma**Momi Fir**

From Japan and hardy into Southern Massachusetts. Of pyramidal form with massive horizontal branches. Foliage rigid, 1½ inches long and deep green in color.

2 yr. Sdlgs.	3-4"	3.50	25.00
3 yr. Trpts.	3-5"	5.00	40.00
4 yr. Trpts.	5-7"	7.00	60.00

A. Holyphilla**Needle Fir**

Introduced from Manchuria and Korea, and has proven hardy at the Arnold Arboretum. A distinctive handsome variety, with pointed stiff needles, dark green above and grayish undersides.

2 yr. Sdlg.	2-4"	4.50
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A. Mariesii**Marie's Fir**

A native of the Japanese mountain ranges, attaining height of 80 feet. Compact pyramidal form, with very dark green small needles ½ to ¾ inches long.

4 yr. Trpts.	5-7"	6.00	50.00
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A. Pectinata**European Silver Fir**

Mountains of Central and Southern Europe. Forms a very tall tree of broad pyramidal form. Leaves dark green above, with broad white bands beneath, often 1½" long.

4 yr. Trpts.	4-6"	7.00
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A. Vietcheii**Veitch Fir**

Introduced from Central Japan and has proven its hardiness by long cultivation. Pyramidal and heavily branched. Foliage densely crowded and directed upwards. Dark green, with silvery white bands beneath. Veitch's fir is a most desirable species and very handsome even in small stages.

4 yr. Trpts.	5-7"	7.00	60.00
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BUXUS BOXWOOD

B. Sempervirens Arborescens**Tree Box.**

The typical taller growing form with elliptic dark green leaves. This type is considered the hardiest of the Boxwoods and is best adapted for northern planting. We offer field grown heavily rooted cuttings that have been wintered in the field, and are far superior to southern grown boxwoods.

Rooted cuttings	4-6"	4.00	30.00
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CHAMAECYPARIS CYPRESS

C. Lawsoniana**Lawson's Cypress**

From the Pacific coast, northern California to British Columbia. Hardy into New York and Mass. One of the most beautiful of the cypress varieties, forming a narrow pyramidal tree densely branched to the ground. The foliage in flat sprays is bright green, and retains its color thruout the entire year.

2 yr. Sdlg.	3-5"	3.50	25.00
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C. Obtusa**Hinoki Cypress**

From Japan and extremely hardy. A hardy tree with horizontal branches. The foliage is very dark green, arranged in fern like sprays. A fine ornamental type. The best retinos vera for grafting understocks.

2 yr. Sdlg.	2-4"	2.50	20.00
3 yr. Trpts.	3-5"	4.00	.....

Please note our terms of sale.

C. Pisifera

Sawara Cypress

Another very hardy type from Japan. Growth is rapid and forms a broad low tree that is readily sheared for formal effects. Leaves flat and sharply pointed, dark green above with silvery effect on underside.

2 yr. Sdlgs.	2-4"	3.00	25.00
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LARIX LARCH

The larches are one of the few cone bearing trees hardy in the North, that are not evergreen. On account of their rapid growth they are all important timber trees for reforestation and will attain heights of 80 to 100 feet. Larches used in the landscape are attractive early in the spring. The new growth first appears in delicate shades of light green, and in the fall before the needles drop off, changing to a golden brown. The needles are arranged in clusters. Larches start into growth very early, and therefore should be planted as early as possible.

L. Europea

European Larch

An important timber tree from Central Europe, and adapted for reforestation.

2 yr. Sdlgs.	4-7"	3.00	20.00
3 yr. Trppls.	6-9"	6.00	.....

L. Leptolepis

Japanese Larch

The most ornamental of the species and a most desirable larch for ornamental as well as forestry planting. Branchlets yellowish and reddish brown, with very light green foliage.

3 yr. Trpts.	4-6"	4.00	30.00
3 yr. Trpts.	6-9"	6.00	45.00

L. Dahurica

Korean Larch

Northeastern Asia, Manchuria and Korea and hardy as far north as Saskeetchwan. A valuable timber tree.

3 yr. Trpts.	6-8"	5.00	40.00
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PICEA SPRUCE

P. Albertiana

Black Hills Spruce

From northern Rocky Mt. ranges. A pyramidal tree of slow compact growth, with dense branches. Foliage silvery green similar in appearance to white spruce.

2 yr. Sdlg.	1-1½"	2.50	15.00
3 yr. Trpts.	1-2"	3.50	25.00

P. Canadensis (Alba)

White Spruce

From Labrador to Alaska and along our Northern States the white spruce is a familiar and important timber tree. Forms a pyramidal compact tree of rapid growth, with silvery green foliage. A valuable variety for landscape planting, window boxes, hedges as well as for reforestation.

2 yr. Sdlg.	2-5"	2.00	10.00
4 yr. Trpt.	4-6"	5.00	.....

P. Koyami

Koyami Spruce

Introduced from Japan by E. H. Wilson and since 1914 has proven hardy at the Arnold Arboretum. Narrow pyramidal form, with short stiff light green needles. It promises to prove an interesting and hardy addition to our list of ornamental spruces from the Orient.

3 yr. Trpts.	3-6"	4.50	35.00
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P. Sitchensis

Sitka Spruce

From Pacific coastal ranges, growing from Alaska to northern California. A highly ornamental spruce with silvery bluish green foliage. Prefers a moist, cool, sheltered location.

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2 yr. Sdlg.	3-5"	3.00	20.00
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P. Excelsa

Norway Spruce

From Central and Northern Europe, and early introduced to America. Broadly pyramidal, tall growing form. Foliage very dark green with a fragrant pungence. The Norway spruce is a very adaptable variety, and is useful for forest and ornamental planting. It thrives under varied soil conditions. On account of its rapid and dense growth it is one of the best evergreens for windbreak and screen plantings. Shears readily and forms attractive hedges. In the small stages it becomes useful for window box, tubs, and is the best variety for Christmas tree plantations. It has and will continue to prove one of the most popular and readily saleable spruces in the nursery trade.

We grow a stock of close to a million Norway spruces in various grades, and can make attractive quotations on large quantities of seedlings and transplants for lining out, grafting understocks, and forestry planting.

2 yr. Sdls.	3-6" stocky	2.00	10.00
3 yr. Sdls	4-7" very stocky	2.50	.....
3 yr. Trplts.	4-6"	2.50	15.00
4 yr. Trplts.	5-7" bushy	3.50	20.00
4 yr. Trplts.	7-10" stocky	4.50	27.50
5 yr. Twice trpd.	7-10"	7.00	.....

P. Orientalis

Oriental Spruce

From Southeastern Europe and Asia Minor, and extremely hardy. A slow growing, compact and graceful spruce valuable for small lawns and gardens. Dark green foliage with tiny needles $\frac{1}{4}$ "- $\frac{1}{2}$ " long, closely crowded against the stems. A distinct and interesting spruce variety.

2 yr. Sdlg	2" (limited supply)	4.00
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P. Polita

Tiger-tail Spruce

From Japan and hardy to Southern Canada. Forms a dense growing broad pyramid with rigid branches. Foliage bright green with stiff sharply pointed needles spreading in all directions. Tiger tail spruce is an unusual and valuable spruce for landscape planting, and as a specimen tree will form an outstanding addition to any planting.

2 yr. Sdls	2-3"	3.00	25.00
4 yr. Trplts.	4-6"	6.50	50.00

250 & 2500 @ 1000 & 5000 rate. 10% discount on quantities of a variety.

P. Pungens

Colorado Blue Spruce

From the Rocky Mts., and seems to thrive under all conditions. The compact growth with stout horizontal branches arranged in regular whorls, and color tones varying from greyish green to silvery blue, combine to make the Colorado Blue Spruce the most familiar and popular of the spruces. Its slow growth and close growing habits adapts it for planting on the smallest of lawns, and its natural ability to withstand dry soils and smoky air render this variety eminently suitable for city planting. The Colorado Blue Spruce is a leading variety in our nursery plantings. We grow our seedlings from seed collected in regions of the Colorado Rockies where the blue spruce types predominate.

3 yr. Trpfts	2-3"	4.00	30.00
(We carry a stock of over 250M. in 3 yr. trp. grade)			
4 yr. Trplt.	4-5"	6.00	50.00
4 yr. Trplt.	5-7"	7.50	65.00
4 yr. Twice Trpltd.	4-6"	10.00	.....

PINUS PINES

P. Aristata

Bristle-cone Pine

From Rocky Mts., and hardy in New England. In cultivation forms a low shrubby tree with upright branches. Needles are in clusters of five, dark green and sprinkled with a resinous exudation characteristic of this variety.

2 yr. Sdlgs.	2-3"	4.00
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P. Flexilis

Limber Pine

From Rocky Mt. ranges. A slow growing compactly formed pine of distinct appearance, and valuable for landscape planting, on dry stony and exposed sites. Foliage grayish blue, with stiff closely clustered needles three inches long, in clusters of five.

2 yr. Sdlgs.	3-5"	4.00	30.00
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P. Peuce

Macedonian Stone Pine

Mountains of Balkan peninsula. Hardy into southern Ontario. A very ornamental species of narrow pyramidal form, with short densely clothed branches. Needles are straight, bluish green, 3-4" long, arranged in five in cluster. The Macedonian Stone Pine is very slow growing and is a most desirable species for the Foundation, rockery and small garden plantings.

2 yr. Sdlgs	3-4"	4.00	30.00
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Pinus Peuce, Aristata and Flexilis are 5 needled pine and can ship into New England States only.

P. Densiflora

Japanese Red Pine

A rapidly growing Japanese variety that will attain great height and is therefore suitable for specimen and screen plantings. Foliage light green, 3-5" long. A handsome tree that will attain picturesque forms at maturity.

3 yr. Sdlg.	6-8"	3.00	20.00
4 yr. Trpts.	8-12"	6.00	50.00

P. Den. Tanyosho

Japanese Table Pine

A dwarf closely growing form of unusual appearance. From a short stout trunk less than 1 ft. high, spreading branches form a flatish table like bush that seldom grows more than 3 to 4 ft. in height. Foliage similar to Jap. red pine, of which it is a variation. These seedling grown Table pines may therefore show some reverting to the normal type.

2 yr. Sdlgs.	3-5"	4.00	.....
2 yr. Trpfts.	3-4"	5.00	40.00

P. Mughus***Mugho Pine***

From mountain ranges of Central Europe, where it grows at very high elevations. It forms a low many stemmed dwarf tree from two to four feet in height and with a spread greater than the height. Foliage is two needled and very dark green. The very best of the naturally dwarf trees and of great adaptability for rockery, small garden and foundation planting. Will thrive as a ground cover on sloping banks, and is especially suitable for seashore plantings, as it withstands salt spraying winds.

3 yr. Trpfts	2-4" stocky	4.50	35.00
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P. Montana***Mountain Pine***

A taller and more robust growing variety than the mugho pine, with often a single leading shoot. Attains a height of six to fifteen feet, and is suitable for planting as under-cover, low screens, and landscape effects where a medium height pine is desired.

5 yr. trpfts.	6-9"	6.50	55.00
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P. Nigra (Austriaca)***Austrian Pine***

From Central Europe where it is important for timber and ornamental planting. A tall growing tree with stout wide spreading branches. Foliage very dark green, stiff and 3 to 6" long, with large conspicuous winter buds. Quick growing and of sturdy and rugged appearance, it seems to thrive under all conditions. City smoke, salt seashore spray, dry gravelly soils and windswept hillsides are successfully withstood by the ruggedly growing Austrian Pine, and for these reasons it is the most desirable of pines for windbreaks and city park plantings.

3 yr. Trpfts.	4-7"	3.50	25.00
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P. Poiretiana***Corsican Pine***

From Southern Europe. Forms a tall narrow headed tree. Foliage light green, 4-6" long with needles curving in various directions.

3 yr. Trpfts.	3-6"	4.00	30.00
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P. Ponderosa***Western Yellow Pine***

From Rocky Mts. where it is an important timber tree. Distinctive grayish green foliage from 5 to 10 long on established specimens. Will thrive on very dry soils and interesting as a specimen tree in landscape plantings.

2 yr. Sdlg.	3-5"	3.00	25.00
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P. Resinosa***Red Pine***

An important and valuable timber tree in our northern states and the leading pine variety for reforestation. Foliage is deep green 2 needled, 4-6" long. Red Pine is especially immune to insect and fungous attacks. It forms a splendid ornamental and is adapted for mass and screen plantings.

2 yr. Sdlg.		2.50	15.00
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P. Sylvestris***Scotch Pine***

From Northern Europe. Growth is very rapid and robust and will thrive equally well in clay and dry gravelly soils. Suitable for reforestation and mass and screen plantings where trees that will attain height quickly are desired.

3 yr. Sdlgs.	5-8"	2.50	15.00
4 yr. Trpts.	6-9"	4.00	30.00

Jap, Black Pine

3 yr. Trp1ts	4-7"	5.00	40.00
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THUJA ARBORVITAE

American Arborvitae

2 yr. Sdlg.	2-4" stocky	2.50	12.50
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3 yr. Trplts.	3-4"	3.50	25.00
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Tom Thumb Arb.

Trplts	5-7"	9.00	80.00
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Two Yr Trpmts	5-7"	9.00	99.00
Two Yr Trpmts	6-8"	15.00	120.00

Two 11. Hpts.	6-8	15.00	120.00
Twice Trpltd.	7-9"	20.00

Rheingold Arb.

TrpLts	3-5"	15.00	120.00
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2 yr. Trpts.	4-6" bushy	25.00
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Douglas Spiral A.

Trp1ts	5-7"	15.00
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T. Oo. Wernera	Siberian	4 rh
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Siberian Arb.

Forms a low broad pyramid, with heavy sea green foliage.

TrpLts	5-7"	15.00
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Chinese Arb.

2 yr. Sdlg.	4-6"	2.50	15.00
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2 yr. Sngl.	1.0	2.50	15.00
3 yr. Trpts	6-8"	4.00	30.00

5 yr. Hpts.	6-8	4.00	30.00
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Compact Ch. Arb.

2 yr. Sdlg.	4-6"	3.00	20.00
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3 yr. Trppls.	4-6"	6.00
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Selected compact type

Golden Ch. Arb.

2 yr. Sdlgs.	3-5"	3.00	20.00
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Prices are per 100 and 1000. 10% discount on quantities

Prices are per 100 and 1000. 10% discount on quantities of 5000 of a variety.

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T. Or. Tartarica**Tartarian Arb.**

A new variety of narrow pyramidal form, showing a bluish green juniper like foliage.

2 yr. Sd.	4-7"	3.50	25.00
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The compact and golden type varieties are grown from seed collected from trees showing variety characteristics, and altho they do not all come true to type, these seedlings will show a large proportion of interesting and valuable type forms in compact and globe shapes.

TAXUS YEW

T. Cuspidata**Japanese Yew**

The most valuable and hardiest of the Yew species. A Japanese introduction and hardy into Canada. When grown from seed the type shows a broad upright growing pyramid, while cutting grown stock tends to form spreading bushy plants. Foliage very dark glossy green.

1 yr. Sdls	1" upright type	3.00	25.00
Trppls.	4-6" (from cuttings)	10.00	.....

T. Cus. Nana (Brevifolia) **Dwarf Jap. Y.**

A low spreading type densely clothed with very dark green, short closely clustered leaves. The best dwarf yew for foundation, and small garden plantings.

Trppls	3-5"	18.00	150.00
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TSUGA HEMLOCK

T. Sieboldi**Siebold Hemlock**

From Japan, and hardy into Massachusetts. A slow growing pyramidal type of distinct appearance. Slender branches, with tiny dark green leaves.

2 yr. Sdls	1-1½"	4.00	30.00
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EUONYMUS BITTERSWEET

The Evergreen Bittersweets are of Japanese origin. Self supporting vines and ground covers that stay evergreen thruout the entire year, and of dependable hardiness.

E. Radicans with glossy green, elliptical leaves about 1" long., is slow growing, climbing to about 4 ft. and is splendid for planting against low retaining walls, and foundation covers.

Trppls.	5-6"	5.00	.....
3 yr. Trppls.	6-9"	15.00

E. Rad. Variegata with bright silvery variegated foliage.

Trppls.	4-5"	5.00
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E. Carrieri, with leaves 2-3" long is much more robust growing, climbing to height of 15 ft.

Trppls.	5-8"	6.50
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E. Colorata, a recent introduction and of great value as a ground cover. Bright green during summer and changing to scarlet during entire winter, which is retained until new foliage appears in spring.

Trppls.	5-7"	6.50
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E. Minima, (Kewensis) with tiny round leaves, less than ¼" is a miniature type useful for planting between flag stones,, rockeries and wall gardens.

Trppls.	3-5"	5.00
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E. Vegeta with almost round, deep glossy green leaves is the most interesting of the type, and especially attractive in fall. The mature plants are heavily covered with scarlet berries which are wonderfully attractive with their background of glossy, green, leathery foliage. Will climb to height of 15 ft. against building walls or trellis, or forms self supporting bush.

Rooted cuttings	3-5"	5.00
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TERMS AND CONDITIONS OF SALE.

CREDITS—We extend the usual Nursery Trade Credits to firms of approved standing.

Firms unknown to us, or those with whom we have had no previous business, are requested to state Trade and Financial reference in applying for credit, otherwise we will ship C. O. D. when no remittance accompanies order.

TERMS are 60 days net, and all spring statements due June 1st. Fall statements due Dec. 1. Interest will be charged on accounts after due date.

DISCOUNTS—2% and packing free on prepaid orders.

CONDITIONS—Orders are booked with the understanding that same shall be void in case of injury to stock from adverse weather conditions, errors in count, prior sales, prohibitory quarantine regulations and other causes beyond our control.

We exercise the greatest care to keep our varieties true to name, and hold ourselves ready at all times to replace on proper proof all stock that may prove otherwise, or refund the amount paid, but shall not be held liable for any amount greater than the original purchase price.

CLAIMS for allowances must be made within five days of receipt of goods, and we will cheerfully make good any errors due to our fault. **WE CANNOT CONSIDER DELAYED CLAIMS, NOR WILL WE MAKE REPLACEMENT FOR DAMAGES AFTER STOCK HAS BEEN RECEIVED AND PLANTED.**

SHIPMENTS are made by express and travel at the expense and risk of the consignee, and our responsibility in transit ceases after we get carrier's receipt for shipment. Claims for damages in transit must be made immediately to carriers agent at point of delivery.

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*Bureau of Land Industry
U.S. Forest Service, West.
Washington D.C.*

Sec. 435½ P. L. & R.

U. S. POSTAGE

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Permit No. 10

DEEP RIVER, CONN.